



## GILA RIVER BASIN

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## 09507980 EAST VERDE RIVER NEAR CHILDS, AZ—CONTINUED

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Dec. 1990 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Turbid-				Baro-	Dis-	pH,	Specif.	Hard-	Calcium		
		Instan-	wat unf	Hach	Tur-								
		dis-	charge,	2100AN	bidity,	pres-	oxy-	unfltrd	field,	ature,	water,	mg/L as	
		cfs	(00061)	(99872)	(00076)	mm Hg	mg/L	(00300)	percent	std	water,	CaCO <sub>3</sub>	
								(00301)	units	(00400)	(00095)	(00010)	
OCT 29...	0930	.44	--	3.5	693	E11.7	--	8.3	836	27.0	16.5	220	50.0
MAR 29...	1435	3.4	--	2.8	696	9.6	118	8.2	486	31.0	20.4	190	38.0
JUN 24...	1215	<.01	--	1.2	694	9.5	121	8.2	1020	29.0	22.3	210	48.0
AUG 27...	1320	.72	20	--	694	5.5	81	8.4	908	37.0	30.0	290	71.5
Date		Magnes-				Sodium	inc tit	Alka-	Bicar-	Carbon-	Residue	water,	
		Calcium	Magnes-	ium,	water,	Potas-	tit	linity,	bonate,	ate,	water,	fltrd,	
		water,	ium,	unfiltrd	recover	sium,	inc tit	wat fil	wat fil	water,	water,	sum of	
		unfltrd	recover	water,	recover	Sodium	tit	wat fil	incr.	titr.,	water,	consti-	
		recover	able,	water,	able,	adsorp-	titr.	incr.	titr.	titr.,	water,	tuents	
		mg/L	mg/L	(00925)	(00927)	tion	mg/L	mg/L	mg/L	mg/L	water,	mg/L	
		(00916)	(00925)	(00935)	(00931)	Sodium	as	CaCO <sub>3</sub>	(39086)	(00453)	field,	(70301)	
						water,	mg/L	mg/L	(00452)	(00452)	field,		
OCT 29...	51.0	24.0	25.0	6.10	3	100	351	415	7	48.0	1.4	18.0	460
MAR 29...	38.0	23.0	23.0	2.50	1	31.0	229	270	4	20.0	.4	7.70	260
JUN 24...	46.0	23.0	22.0	9.00	6	190	475	562	8	94.0	2.7	31.0	685
AUG 27...	73.8	27.6	27.7	7.26	2	66.4	369	441	5	40.0	1.0	13.7	450
Date		Residue				Ammonia	Nitrite	Nitrite	Total	COD,	E coli,		
		on	Residue	total	+	Ammonia	nitrate	nitrate	water,	nitro-	high		
		evap.	at	at	org-N,	water,	water,	water,	water,	gen,	level,		
		water,	at	deg. C,	water,	Ammonia	Ammonia	Ammonia	water,	water,	MF,		
		filtrd,	180degC	sus-	unfiltrd	water,	water,	water,	unfiltrd	water,	water,	water,	
		tons/	wat flt	sus-	mg/L	mg/L	mg/L	mg/L	mg/L	unfiltrd	unfiltrd	unfiltrd	
		acre-ft		pend-	mg/L	as N	as N	as N	as N	mg/L	mg/L	mg/L	
		(70303)	(70300)	(00530)	(00625)	(00608)	(71845)	(00610)	(00631)	(00630)	(00600)	(00340)	
OCT 29...	.68	499	2	<.20	--	.01	.01	--	<.020	<.02	--	<5	E19k
MAR 29...	.37	272	4	<.20	--	--	<.01	--	<.020	<.02	--	<5	E4k
JUN 24...	.93	687	<1	<.20	--	--	<.01	--	<.020	.03	--	<5	E7k
AUG 27...	.67	495	15	1.1	<.04	--	--	.15	--	.20	1.3	--	E15k
Date		Anti-				Barium,	Beryll-	Beryll-	Boron,	Cadmium	Cadmium	Chrom-	
		mony,	Anti-	Arsenic	Arsenic	Barium,	ium,	ium,	water,	water,	water,	ium,	
		water,	mony,	water,	water,	unfiltrd	water,	water,	recover	recover	recover	water,	
		water,	water,	water,	unfiltrd	water,	recover	water,	water,	water,	water,	water,	
		filtrd,	unfiltrd	fltrd,	unfiltrd	fltrd,	able,	able,	fltrd,	-able,	fltrd,	fltrd,	
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
		(01095)	(01097)	(01000)	(01002)	(01005)	(01007)	(01010)	(01012)	(01020)	(01022)	(01025)	
		(01095)	(01097)	(01000)	(01002)	(01005)	(01007)	(01010)	(01012)	(01020)	(01022)	(01025)	
OCT 29...	<1	<1	201	202	74.0	77.0	<1	<1	949	959	<.5	<.5	<1
MAR 29...	<1	<1	55	58	53.0	55.0	<1	<1	213	213	<.5	<.5	<1
JUN 24...	<1	<1	390	390	87.0	86.0	<1	<1	1890	1890	<.5	<.5	<1
AUG 27...	.28	.3	148	168d	--	101	<.06	E.06n	--	642d	.04	.07	--

**GILA RIVER BASIN**  
**09507980 EAST VERDE RIVER NEAR CHILDS, AZ—CONTINUED**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Chrom-	Copper,	Iron,	Lead,	Mangan-	Mercury	Nickel,				
	ium, water, unfiltrd recover -able, ug/L (01034)	water, unfiltrd recover -able, ug/L (01040)	water, unfiltrd recover -able, ug/L (01042)	water, unfiltrd recover -able, ug/L (01045)	water, unfiltrd recover -able, ug/L (01049)	ese, unfiltrd recover -able, ug/L (01051)	water, unfiltrd recover -able, ug/L (01055)	water, unfiltrd recover -able, ug/L (71890)	water, unfiltrd recover -able, ug/L (71900)	water, unfiltrd recover -able, ug/L (01065)	water, unfiltrd recover -able, ug/L (01067)
OCT 29...	<1	<2	<2	163	<2	<2	2	7	<.1	.2	<1
MAR 29...	<1	<2	<2	6	171	<2	<2	8	18	<.1	<1
JUN 24...	<1	<2	<2	3	76	<2	<2	7	14	<.1	<1
AUG 27...	1.0	2.5	4.1	--	--	E.06n	.66	--	62	<.02	<.02
Date	Selen-	Selen-	Silver,	Stront-			Zinc,	Sus-	Sus-		
	ium, water, filtrd, ug/L (01145)	ium, water, unfiltrd ug/L (01147)	water, filtrd, -able, ug/L (01075)	water, unfiltrd recover -able, ug/L (01077)	Thall- ium, water, recover -able, ug/L (01082)	Thall- ium, water, unfiltrd recover -able, ug/L (01057)	water, unfiltrd recover -able, ug/L (01059)	water, unfiltrd recover -able, ug/L (01090)	suspended sediment concentration mg/L (80154)	suspended sediment discharge, tons/d (80155)	
OCT 29...	<1	<1	<1	<1	440	<2	<2	<2	12	.01	
MAR 29...	<1	<1	<1	<1	240	<2	<2	<2	6	.06	
JUN 24...	<1	<1	<1	<1	580	<2	<2	<2	85	--	
AUG 27...	--	.4	--	--	--	--	--	E.5n	2	30	.06

Remark codes used in this table:

< -- Less than  
E -- Estimated value

Value qualifier codes used in this table:

d -- Diluted sample: method hi range exceeded  
k -- Counts outside acceptable range  
n -- Below the LRL and above the LT-MDL